

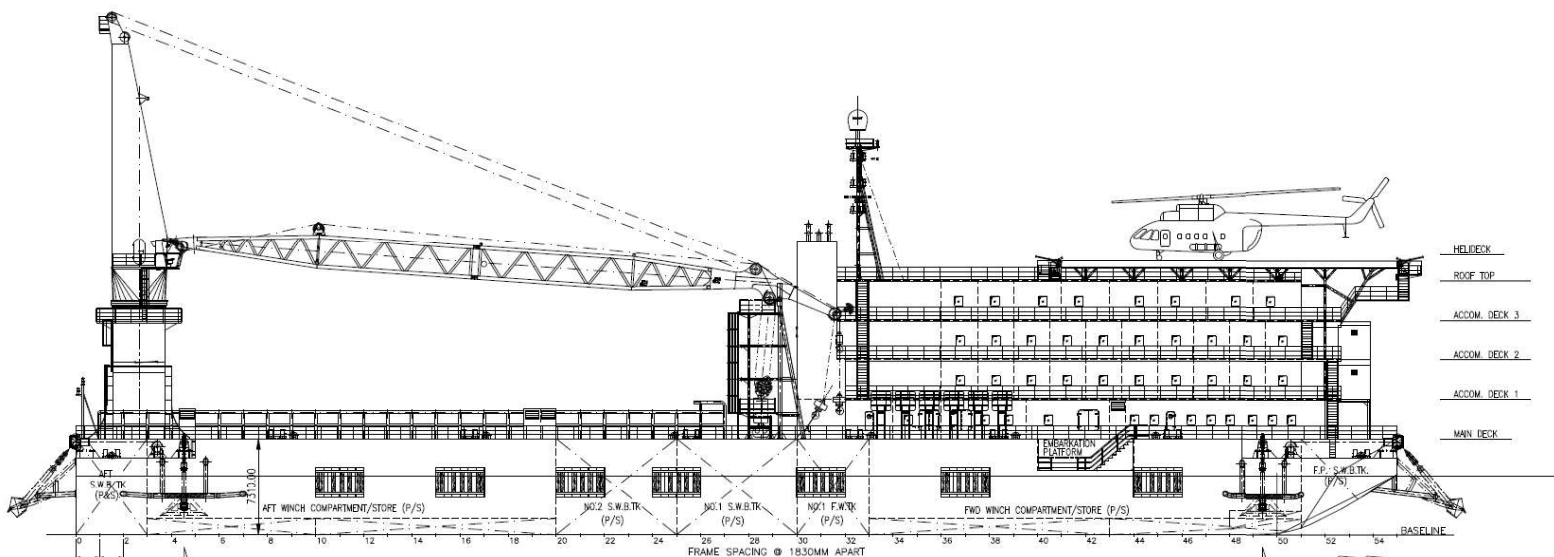
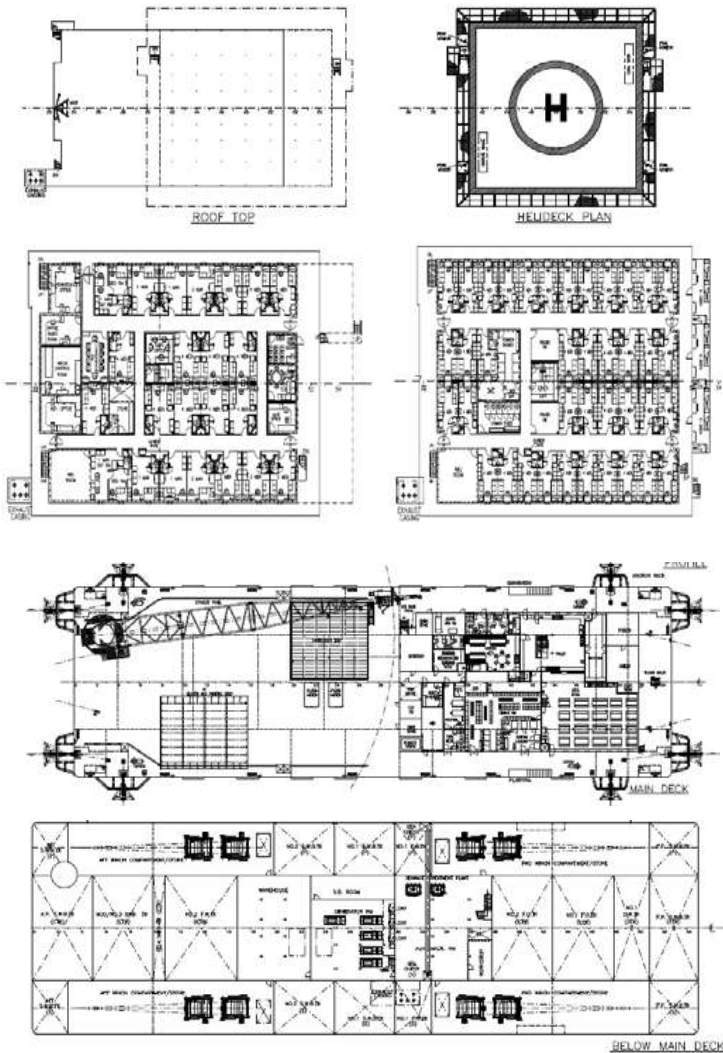
RAJAWALI NATUNA



352-Men ACCOMMODATION CRANE WORK BARGE

The "RAJAWALI NATUNA" is an Accommodation Crane/Workbarge purpose-built to the high safety standards in accordance with ILO 92, IMO 'MODU CODE' Resolution A468 Chapter XIII. She is designed for unrestricted service and has extensive experience in performing and fulfilling the following duties:

- Hydraulic Workover/ Well Stimulation and Coiled Tubing Services
- Deep Water Mooring Well Intervention
- Offshore Conductor Piling/ Platform Construction Support
- Offshore Platform maintenance
- Offshore Hook-Up and Commissioning
- Subsea and Dive Support Services
- Accommodation/ Floatel Services
- Designed ready for Pipelay services



STANDARD VESSEL SPECIFICATIONS

GENERAL PARTICULARS

Owner	PT. Bahtera Bayu Marin
Operator	PT. Bayu Maritim Berkah
Classification & Society	BKI + ABS *A1 Accommodation and Work Barge
Year Built	2009
Flag State	Indonesia

PRINCIPLE DIMENSIONS

L.O.A. (m)	100
Breadth (m)	31.70
Depth (m)	7.31
Design Draft (m)	4.50
Deadweight	7,859 MT
Gross Tonnage	9,412 T
Net Tonnage	2,823 T
Cargo Deck Area (m ²)	1,200
Deck Strength	12.5 T/m ²

ACCOMMODATION

Number of Berth	352 Men
Cabins Layout	6 x 1 man = 6 5 x 2 men = 10 84 x 4 men = 336 Total 95 cabins = 352 Men
1 x Galley	1 x Central Control Room
2 x Mess Room	1 x Hospital
7 x Offices	2 x Conference Room
1 x Cinema Room	1 x Gymnasium
1 x Recreation Room	2 x Prayer Room
1 x Radio Room	1 x Changing Room

STORAGE CAPACITIES

Fuel Oil Capacity	1,700 m ³
Fresh Water	1,900 m ³
Ballast Water	14,000 m ³

* All particulars believed to be correct but without guarantees

COMMUNICATION

Radar	1 x Furuno Radar
Radios VHF	2 x Furuno VHF Marine 1 x ICOM VHF Air Band 1 x GMDSS
Echo Sounder	1 x Furuno Echo Sounder
Weather Data	1 x Furuno Navtex
GPS	2 x Furuno GPS
Radios MF/HF	1 x Sailor
Handheld Walkie Talkie	8 x Motorola
Compass	Magnetic, Satellite, and Gyro
Control Station	Yes, Central Control Room with full view of the entire working deck
P.A. Systems	Yes, Throughout The Barge
AIS	JRC AIS
Satellite Communication	VSAT with Wi-Fi

MOORING SYSTEM

Mooring Wince/Type/no.	Single drum type, (8 units)
Wire Size/length	52mm x 1,400M steel wire (8 + 1 spare coil)
Anchor + Buoy	8 + 1 spare x Flipper Delta Anchors complete with foam filled buoys and pendant wire
Tension Meter + CCTV	Tension meter & closed circuit TV monitors are installed
Anchor Rack	Fitted at four (4) corners of the barge for 8-point mooring

OFFSHORE CRANE

Main Crane	Huisman 300T Offshore Mast Crane – API SPEC 2C
Capacity	300 MT @ 11 meter radius
Crane Boom	150 feet Boom
Max. Height Elevation	54 meter above main sea level
Aux Hook	30 MT @ all radius with max height 61.2 meter

AUXILIARY EQUIPMENT

Generators	5 x CAT 3412 Diesel Generators 620kw
Lifejackets	200% from max POB
Liferafts	24 x 25 men total 600 men capacity
Rescue boat	1 x FRC c/w launching davit
Fire Fighting Equipment	In accordance to SOLAS 1974, and 1981 & 1983 amendments
Fresh Water Maker	2 x "REVERSE OSMOSIS" 50 tons/24 hr capacity (Total 100 tons/day)
Sewage Treatment Plant	According to IMO, USCG Standard, 2 x 150 men capacity

HELIDECK

Dimension	25.00 m x 25.00 m for Sikorsky 'S92'
Standard	In compliance to Classification & CAP 437
Helicopter	12.8 T Take Off Weight

